

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Application No.: 10/580,301

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By: Hamm_dubischar

For: Method of Determining Structural
Prototype Data...

Amended Claim

9. (Amended) A prototype for a lightweight rim (LF) for an automotive vehicle with an inner rim body (FK) mountable at one side to an axle and with an outer rim bed (FB) connected thereto, with the rim body (FK) being provided with a supporting spoke structure (SA) and produced by a method for determining the structural data of a prototype for a lightweight technical structure,
characterized by a highly symmetric formation of the spoke structure (SA) of a plurality of rib-like radial spokes (RAS) having a high aspect ration of width to depth and a plurality of annular spokes(RIS), with each of several radial spokes (RAS) extending from the rim bed (FB) over only one third of the rim body (FB) and terminating at an annular spoke (RIS).